

**AMENDMENTS TO THE CLAIMS**

This listing of claims replaces all prior versions of claims in the application.

1. (Cancelled).

2. (Currently amended): The ~~fluid~~ liquid processing device as defined in claim 11,

wherein,

    said material pieces have identical shape and identical size to each other,

    said hole having a circular prism shape, a central axis of said hole is identical with said central axis of said material piece, and

    said arrangement is one such that said bases of said material pieces makes a plane and said sides of said material pieces are adjacent to each other.

3. (Cancelled)

4. (Currently amended): The ~~fluid~~ liquid processing device as defined in claim 11,

wherein said material pieces are piled one on top of the other within said casing.

5. (Currently amended): The ~~fluid~~ liquid processing device as defined in claim 11  
further\_comprising a plurality of said casings, wherein, said casings are piled one on top of the other, and

the central axes of the central material pieces within the plurality of casings are generally aligned.

6. (Currently amended): The ~~fluid~~ liquid processing device as defined in claim 11, wherein, material of said material piece is SUS304 stainless steel.

7. (Cancelled).

8. (Currently amended): The ~~fluid~~ liquid processing device as defined in claim 11, wherein,

a length of the side of said equilateral hexagon being designated as a cross section of said equilateral hexagonal prism of said material piece, is equal to or less than 10 mm, and a height of said equilateral hexagonal prism is shorter than said length of said side.

9. (Currently amended): The ~~fluid~~ liquid processing device as defined in claim 11, wherein,

said spiral groove of said internal perimeter surface of said hole of said material piece, has a triangular screw thread shape.

10. (Currently amended): The ~~fluid~~ liquid processing device as defined in claim 11, wherein the container is SUS304 stainless steel.

11. (Currently amended): A fluid liquid processing device comprising,  
a container having an intake and an outlet, and  
heat-treated material pieces provided within said container, said material pieces each  
having an external shape of an equilateral hexagonal prism, and said material pieces each having  
a hole of an annular section penetrating through a base and a top thereof;  
an internal surface of said hole having a spiral groove;  
a material of said material piece being selected from the group consisting of austenitic  
stainless steel, martensitic stainless steel;  
a casing securely fixing the material pieces in an arrangement and said casing having  
openings in a top plate and a bottom plate corresponding to said holes of the material pieces;  
said arrangement being such that central axes of the material pieces are parallel to each  
other; wherein said central axes of each is an axis which is parallel to six sides of said equilateral  
hexagonal prism and perpendicular to said base and said top thereof;  
wherein said arrangement is one such that said material pieces form a second equilateral  
hexagonal prism within said casings and said holes in the material pieces and openings in the  
casing are aligned;  
wherein said material pieces within said casing are positioned in said container between  
the intake and outlet.

12. (Currently amended): A ~~fluid~~ liquid processing device as defined in claim 11, wherein,

said openings in said casing are generally aligned with a principal stream direction of processed fluid which pass through said container.

13. (Currently amended): A ~~fluid~~ liquid processing device as defined in claim 12, wherein,

~~said fluid is liquid, and~~

said ~~fluid~~ liquid processing device is connected to a service pipe to supply said liquid, and said liquid is pressurized comparing with surrounding atmospheric pressure in said pipe.

14-15. (Cancelled).